

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

SUB B17

1. (Currently Amended) A file management apparatus comprising:
~~an image data acquiring section for acquiring image data to be stored as a file;~~
~~a structure information setting section capable of having a user arbitrarily~~
~~setting set beforehand structure information that defines structure of a file name; name, the~~
~~file name being given to the image data acquired by the image data acquiring section when~~
~~the image data is stored in a memory;~~
~~— a data acquiring section for acquiring data to be stored as a file;~~
~~a name-generating section for acquiring, for each said image data acquired by~~
~~said image data acquiring section, information structuring a file name, relating to said image~~
~~data, according to the structure information that is set by the structure information setting~~
~~section, to generate a said file name using the acquired information; and~~
~~— a managing section for storing the image data acquired by the image data~~
~~acquiring section, and for managing the stored image data using the file names generated by~~
~~the name-generating section.~~

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2. (Currently Amended) The file management apparatus according to claim 1, wherein:

the image data acquiring section acquires stored image data to which a file name is given in advance and associated information that is associated with the stored image data; and

the name-generating section acquires, for each said image data acquired by said image data acquiring section, information structuring a file name, relating to said image data, from said associated information according to the structure information that is set by the

structure information setting section, to generate a new file name using the acquired information.

3. (Currently Amended) The file management apparatus according to claim 1, wherein:

said image data acquiring section acquires microscope image data of a sample that is photographed by an imaging device that is part of a microscope system; and

said structure information setting section can set, as said structure information, a characteristic of the microscope image data to be reflected in a file name of said microscope image data.

4. (Currently Amended) The file management apparatus according to claim 1, further comprising:

a classifying condition setting section capable of setting arbitrarily a classifying condition to be used for classifying the image data stored in the managing section into a plurality of groups; and

a classifying section for acquiring information corresponding to said classifying condition from the file names of the image data stored in said managing section, to classify image data having the same said information acquired corresponding to said classifying condition into a same group, wherein

said managing section manages, image data stored therein in advance, in two ways, which are managing by the file names generated by the name-generating section and managing by a result of classifying by the classifying section.

5. (Currently Amended) The file management apparatus according to claim 1, further comprising:

a thumbnail display section for displaying a thumbnail image that is a reduced image of an image corresponding to the image data stored in said managing section; and

a displaying condition setting section for setting, as a displaying condition to be used for selecting the thumbnail image to be displayed by the thumbnail display section, information that is included in the file name corresponding to the thumbnail image to be displayed, wherein

said thumbnail display section selects the file name including the information that is set as the displaying condition by the displaying condition setting section, from file names of the image data stored in said managing section, and displays the thumbnail image corresponding to the selected file name.

6. (Currently Amended) A file management apparatus comprising:

a an image data acquiring section for acquiring stored image data to which a file name is given in advance and information that is associated with the stored data; advance; a structure information setting section capable of having a user arbitrarily setting set beforehand structure information that defines a structure of a virtual file name; and name, the virtual file name being given to the image data acquired by the image data acquiring section when the image data is stored in a memory;

a name-generating section for acquiring, for each said image data acquired by said image data acquiring section, information structuring a virtual file name, relating to said image data, according to the structure information that is set by the structure information setting section, to generate a said virtual file name using the acquired information, wherein information; and

a managing section for storing said image data acquired by said image data acquiring section are managed by and for managing the stored image data using the virtual file name generated by the name-generating section.

7. (Currently Amended) A computer readable medium storing a file management program to control a computer, said program comprising the steps of:

acquiring image data to be stored as a file;
having a user setting arbitrarily set beforehand structure information that
defines structure of a file name; name, the file name being given to the image data acquired
by the image data acquiring step when the image data is stored in a memory;
acquiring data to be stored as a file;
acquiring, for each said image data acquired by said image data acquiring step,
information structuring a file name, relating to said image data, according to the structure
information that is set by the structure information setting step, to generate a-said file name
using the acquired information; and
storing the image data acquired by the image data acquiring step, and
managing the stored image data using the file name generated by the name-generating step.

8. (Currently Amended) The computer readable medium according to claim 7,
wherein:

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said image data acquiring step acquires stored image data to which a file name
is given in advance and associated information that is associated with the stored image data;
and

said name-generating step acquires, for each said image data acquired by said
image data acquiring step, information structuring a file name, relating to said image data,
from said associated information according to the structure information that is set by the
structure information setting step, to generate a new file name using the acquired information.

9. (Currently Amended) The computer readable medium according to claim 7,
wherein:

said image data acquiring step acquires microscope image data of a sample
that is photographed by an imaging device that is part of a microscope system; and

said structure information setting step can set, as said structure information, a characteristic of the microscope image data to be reflected in a file name of said microscope image data.

10. (Currently Amended) The computer readable medium according to claim 7, further comprising:

a classifying condition setting step capable of setting arbitrarily a classifying condition to be used for classifying the image data stored by the managing step into a plurality of groups; and

a classifying step of acquiring information corresponding to said classifying condition from the file names of the image data stored by said managing step, to classify image data having the same information acquired corresponding to said classifying condition into a same group, wherein

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said managing step manages image data stored thereby in advance, in two ways, which are managing by the file names generated by the name-generating step and managing by a result of classifying by the classifying step.

11. (Currently Amended) The computer readable medium according to claim 7, further comprising:

a thumbnail display step for displaying a thumbnail image that is a reduced image of an image corresponding to the image data stored by said managing step; and

a displaying condition setting step for setting, as a displaying condition to be used for selecting the thumbnail image to be displayed by the thumbnail display step, information that is included in the file name corresponding to the thumbnail image to be displayed, wherein

said thumbnail display step selects the file name including the information that is set as the displaying condition by the displaying condition setting step, from file names of

the image data stored by said managing step, and displays the thumbnail image corresponding to the selected file name.

12. (Currently Amended) A computer readable medium storing a file management program to control a computer, said program comprising the steps of:

acquiring stored image data to which a file name is given in advance; advance and information that is associated with the stored data;

having a user setting arbitrarily set beforehand structure information that defines structure of a virtual file name; and name, the virtual file name being given to the image data acquired by the image data acquiring step when the image data is stored in a memory;

acquiring, for each said image data acquired by said image data acquiring step, information structuring a virtual file name, relating to said image data, according to the structure information that is set by the structure information setting step, to generate a said virtual file name using the acquired information, wherein information; and

storing said image data acquired by said image data acquiring step are managed by and managing the stored image data using the virtual file name generated by the name-generating step.